

## OIB 2017 - Other: 09/18/17 Science Report

**Aircraft:** Other: Dynamic Aviation B200 T - 17M048

**Date:** Monday, September 18, 2017

**Mission:** OIB 2017

**Mission Location:** Kangerlussuaq, Greenland

**Mission Summary:**

Hi everyone

After 3 days of bad weather plus a down day, we were finally able to get in the air today to complete remaining lines in the Umanaq plan flying the 2 inland lines that we had had to cut out on our first attempt with a plane issue.

We were able to add 2 low priority Jakobshavn-coast lines on the transit to and from the area, increasing coverage in that region also. Weather is still far from perfect here with multilayer clouds and fog lingering, however weather cooperated in the region we were targeting and we finished with well over 95% coverage on lines.

Tomorrow, we are hoping to fly the Summit flight, with potentially a flight to the SE coast (low priority) on Wednesday or Thursday before returning to the US on Friday.

Thanks!

Michelle

**Submitted by:** J. Bryan Blair on 10/05/17

**File:**

 [Ivis\\_Umanaq2\\_918.pdf](#)

**Related Flight Report:**

### Other: Dynamic Aviation B200 T 09/18/17

**Flight Number:** OIBSM17-SciF13

**Payload Configuration:** OIB-LVISF2017

**Nav Data Collected:** No

**Total Flight Time:** 4.4 hours

**Submitted by:** J. Bryan Blair on 10/04/17

**Flight Segments:**

<b>From:</b>	BGSF	<b>To:</b>	BGSF
<b>Start:</b>	09/18/17 11:18 Z	<b>Finish:</b>	09/18/17 15:44 Z
<b>Flight Time:</b>	4.4 hours		
<b>Log Number:</b>	<a href="#">17M048</a>	<b>PI:</b>	Nathan Kurtz
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	<b>17M048</b>
<b>Flight Hours Approved in SOFRS</b>	123
<b>Total Used</b>	128.5
<b>Total Remaining</b>	-5.5

#### 17M048 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">08/16/17</a>	OIBSM17-TF01	Check	2.1	2.1	120.9	
<a href="#">08/17/17</a>	OIBSM17-TF02	Check	4	6.1	116.9	
<a href="#">08/19/17</a>	OIBSM17-TF03	Check	2.6	8.7	114.3	
<a href="#">08/21/17</a>	OIBSM17-TF04	Check	2.4	11.1	111.9	

<a href="#">08/21/17</a>	OIBSM17-TF04	Check	1.7	12.8	110.2
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	2.2	15	108
<a href="#">08/22/17</a>	OIBSM17-FF01	Ferry	3.1	18.1	104.9
<a href="#">08/23/17</a>	OIBSM17-FF02	Ferry	4	22.1	100.9
<a href="#">08/24/17</a>	OIBSM17-FF03	Ferry	3.6	25.7	97.3
<a href="#">08/25/17</a>	OIBSM17-SciF01	Science	5.3	31	92
<a href="#">08/29/17</a>	OIBSM17-SciF02	Science	7	38	85
<a href="#">08/30/17</a>	OIBSM17-SciF03	Science	5.5	43.5	79.5
<a href="#">09/01/17</a>	OIBSM17-SciF04	Science	4	47.5	75.5
<a href="#">09/02/17</a>	OIBSM17-SciF05	Science	5.6	53.1	69.9
<a href="#">09/04/17</a>	OIBSM17-SciF06	Science	7.7	60.8	62.2
<a href="#">09/05/17</a>	OIBSM17-SciF07	Science	7.3	68.1	54.9
<a href="#">09/06/17</a>	OIBSM17-SciF08	Science	4.2	72.3	50.7
<a href="#">09/09/17</a>	OIBSM17-SciF09	Science	6.5	78.8	44.2
<a href="#">09/12/17</a>	OIBSM17-SciF10	Science	5.9	84.7	38.3
<a href="#">09/12/17</a>	OIBSM17-SciF11	Science	5.1	89.8	33.2
<a href="#">09/13/17</a>	OIBSM17-SciF12	Science	6	95.8	27.2
<a href="#">09/18/17</a>	OIBSM17-SciF13	Science	4.4	100.2	22.8
<a href="#">09/19/17</a>	OIBSM17-SciF14	Science	6.6	106.8	16.2
<a href="#">09/20/17</a>	OIBSM17-SciF15	Science	6.5	113.3	9.7
<a href="#">09/21/17</a>	OIBSM17-FF04	Ferry	4.1	117.4	5.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	4	121.4	1.6
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	2.1	123.5	-0.5
<a href="#">09/22/17</a>	OIBSM17-FF05	Ferry	1	124.5	-1.5
<a href="#">10/05/17</a>	OIBSM17-TF05	Check	4	128.5	-5.5

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

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